



# Photo Resist Process System

The Only "NO WASHOUT" System  
Expose - Apply - Blast

The business of sandcarving is all about the marriage of production efficiency and quality end-product. One without the other is meaningless. With more experience serving the sandcarving industry than any other manufacturer, IKONICS Imaging is proud to be recognized as the "systems people" of the industry.

The ready-to-use Photo Resist Process Systems includes an exposure unit, artwork materials and features the most innovative film available...RAPIDMASK. Eliminate washout. Eliminate drying. Eliminate gluing. Eliminate blotting. Eliminate membrane popping. RAPIDMASK eliminates all the headaches with its simple and extremely effective approach... EXPOSE-APPLY-BLAST.



**IKONICS IMAGING™**  
INDUSTRIAL SOLUTIONS. PHOTOBRAISIVE SYSTEMS. SIGN SYSTEMS.

IKONICS Imaging, 4832 Grand Ave., Duluth, MN 55807, USA  
phone: 218-628-2002 • toll free: 800-643-1037 • fax: 218-628-2064  
e-mail: [info@ikonicsimaging.com](mailto:info@ikonicsimaging.com) • [www.ikonicsimaging.com](http://www.ikonicsimaging.com)

# Photo Resist Process System

- Letralite™ Exposure Unit
- RapidMask High Tack—10 Sheets
- RapidMask High Detail—10 Sheets
- RapidMask Test Kit
- AccuArt 2 Inkjet Film—10 sheets
- PositiveFX Drafting Film—10 Sheets
- Mask Off Tape 2" x 300' roll
- RapidMask Instructional DVD

Do you already own a sandblast machine? If the answer is yes, then the Photo Resist Process System is exactly what you need. This economical system gives you the tools necessary to enter the exciting world of decorative sandcarving. Whether you're producing high quality etched corporate awards, advertising specialties, glassware or monuments, IKONICS Imaging helps you diversify your business with the Photo Resist Process System.

## How it Works

Begin by generating artwork with AccuArt™ 2 Waterproof Inkjet Film. AccuArt™ 2 allows you to create positives or negatives using a computer and a standard inkjet printer. Next, expose printed artwork to RapidMask film using the Letralite UV Exposure Unit. This compact unit provides an 11"x14" imaging area that exposes RapidMask quickly and uniformly. Finish by applying imaged RapidMask to your substrate, protect unwanted etched areas with Mask Off tape, and sandblast your beautiful image.

This special package offers considerable savings while providing you with top-of-the-line film and equipment. No other company can present you with a decorative sandcarving package that includes RapidMask self-adhering film, the Letralite UV Exposure Unit and AccuArt™ 2 WaterProof Inkjet Film for creating positives or negatives.

## Specifications

### Letralite Exposure Unit

Image Area: 11" x 14"

Unit Dimensions: 18"L x 3"W x 7"H

Weight: 8 lbs

### Photo Resist Film

#### GENERAL:

- RapidMask requires photo-NEGATIVE artwork. CLEAR = BLAST.
- Halftone capability up to 65 dpi
- Strong blast resistance
- For more information see RapidMask datasheet.

#### RESOLUTION:

##### Minimum line resolution

High Detail: 2 mil (use minimum 220 grit size and negative artwork with Dmax 3.0)

High Tack: 4 mil (use minimum 180 grit size and negative art work with Dmax 3.0)

##### Halftones

High Detail: up to 65 dpi (use minimum 220 grit or finer above 45 dpi)

#### MASK SPECIFICATIONS:

Blast depth

High Detail (50u): frost to approx. 1/16"

High Tack (100u): frost to approx. 3/16"

**IKONICS IMAGING™**  
INDUSTRIAL SOLUTIONS. PHOTOBRAIVE SYSTEMS. SIGN SYSTEMS.

IKONICS Imaging, 4832 Grand Ave., Duluth, MN 55807, USA  
phone: 218-628-2002 • toll free: 800-643-1037 • fax: 218-628-2064  
e-mail: [info@ikonicsimaging.com](mailto:info@ikonicsimaging.com) • [www.ikonicsimaging.com](http://www.ikonicsimaging.com)